Amendment to the Claim :

In compliance with the Revised Amendment Format, a complete listing of claims is provided herein.

1.   (Currently Amended) A method of facilitating debugging of transactions. said method comprising:

executing a transaction on one processor of a plurality of processors, said transaction having debug information attached to the transaction; [[and]]

requesting by said transaction, a service on another processor of said plurality of processors, where in said attached debug information is passed with the transaction from the one processor to the another processor eliminating a need for attaching the debug information at the another processor. wherein a path of the transaction is not predefined to a controller of the debugging, and wherein at least a portion of said attached debug information is used to automatically establish a new debug session at the another processor without intervention; and

providing, by the controller to the one processor, at least a part of the debug information, wherein said controller is different from the one processor and the another processor, and wherein said debug information is provided to the another processor independent of said controller.

2.   (Original) The method of claim 1, further comprising attaching said debug information to said transaction being executed on said one processor.

3.   (Canceled.

4.   (Previously Presented) The method of claim 1, wherein the debug information follows the transaction to the another processor by including the debug information in a communications session established with said another processor.

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5.   (Original) The method of claim 1, wherein said debug information comprises information relating to said transaction.

6.   (Original) The method of claim 1, wherein said debug information comprises an identifier of the controller of the debugging.

7.   (Original) The method of claim 1, wherein said controller comprises a client workstation coupled to said one processor and said another processor.

8.   (Original) The method of claim 1, wherein said service comprises executing an application on said another processor.

9.   (Currently Amended) A method of facilitating debugging of transactions, said method comprising:

        using a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

        attaching at least a portion of the debug information to the transaction being executed on the processor;

        requesting by the transaction, a service on another processor; and

        passing with the transaction the attached debug information from the processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein at least a portion of the attached debug information is used to automatically establish a new debug session at the another processor without intervention such that tracing of the transaction can continue on the another processor, and wherein the client workstation is different from the processor and the another processor.

10.   (Original) The method of claim 9, wherein the tracing can continue without performing a debug registration process between the client workstation and the another processor.

11.   (Previously Presented) The method of claim 9, wherein the tracing can continue without having the client workstation provide the at least a portion of the debug information to the another processor.

12.   (Original) The method of claim 9, wherein the tracing may continue without predefining to the client workstation the path taken by the transaction.

13.   (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

        means for executing a transaction on one processor of a plurality of processors, said transaction having debug information attached to the transaction; [[and]]

        means for requesting, by said transaction, a service on another processor of said plurality of processors, wherein said attached debug information is passed with the transaction from the one processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein a path of the transaction is not predefined to a controller of the debugging, and wherein at least a portion of said attached debug information is used to automatically establish a new debug session at the another processor without intervention; and

        means for providing, by the controller to the one processor, at least a part of the debug information, wherein said controller is different from the one processor and the another processor, and wherein said debug information is provided to the another processor independent of said controller.

14.   (Original) The system of claim 13, further comprising means for attaching said debug information to said transaction being executed on said one processor.

15.   (Canceled)

16.   (Previously Presented) The system of claim 13, wherein the debug information follows the transaction to the another processor by including the debug information in a communications session established with said another processor.

17.   (Original) The system of claim 13, wherein said debug information comprises information relating to said transaction.

18.   (Original) The system of claim 13, wherein said debug information comprises an identifier of the controller of the debugging.

19.   (Original) The system of claim 13, wherein said controller comprises a client workstation coupled to said one processor and said another processor.

20.   (Original) The system of claim 13, wherein said service comprises executing an application on said another processor.

21.   (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

     a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

     means for attaching at least a portion of the debug information to the transaction being executed on the processor;

     means for requesting, by the transaction, a service on another processor; and

     means for passing with the transaction the attached debug information from the processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein at least a portion of the attached debug information is used to automatically establish a new debug session at the another processor without intervention such that tracing of the transaction can continue on the another processor, and wherein the client workstation is different from the processor and the another processor.

22.   (Original) The system of claim 21, wherein the tracing can continue without performing a debug registration process between the client workstation and the another processor.

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23.   (Previously Presented) The system of claim 21, wherein the tracing can continue without having the client workstation provide the at least a portion of the debug information to the another processor.

24.   (Original) The system of claim 21, wherein the tracing may continue without predefining to the client workstation the path taken by the transaction.

25.   (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

a processor of a plurality of processors to execute a transaction, said transaction having debug information attached to the transaction; and

another processor of said plurality of processors to have a service requested by said transaction, wherein said attached debug information is passed with the transaction from the one processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein a path of the transaction is not predefined to a controller of the debugging, wherein the controller is different from the processor and the another processor and wherein at least a portion of said attached debug information is used to automatically establish a new debug session at the another processor without intervention.

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26.   (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

the processor adapted to attach at least a portion of the debug information to the transaction being executed on the processor;

another processor having a service requested by the transaction; and

a communications protocol to facilitate passing with the transaction the attached debug information from the processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein at least a portion of the attached debug information is used to automatically establish a new debug session at the another processor without intervention such that tracing of the transaction can continue on the another processor, and wherein the client workstation is different from the processor and the another processor.

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27.   (Currently Amended) At least one program storage device readable by a machine tangibly embodying at least one program of instructions executable by the machine to perform a method of facilitating debugging of transactions, said method comprising:

executing a transaction on one processor of a plurality of processors, said transaction having debug information attached to the transaction; [[and]]

requesting by said transaction, a service on another processor of said plurality of processors wherein said attached debug information is passed with the transaction from the one processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein a path of the transaction is not predefined to a controller of the debugging, and wherein at least a portion of said attached debug information is used to automatically establish a new debug session at the another processor without intervention; and

providing, by the controller to the one processor, at least a part of the debug information, wherein said controller is different from the one processor and the another processor, and wherein said debug information is provided to the another processor independent of said controller.

28.   (Original) The at least one program storage device of claim 27, wherein said method further comprises attaching said debug information to said transaction being executed on said one processor.

29.   (Previously Presented) The at least one program storage device of claim 27, wherein said method further comprises providing, by the controller to the one processor, at least a part of the debug information, and wherein said debug information is provided to the another processor independent of said controller.

30.   (Previously Presented) The at least one program storage device of claim 27, wherein the debug information follows the transaction to the another processor by including the debug information in a communications session established with said another processor.

31.   (Original) The at least one program storage device of claim 27, wherein said debug information comprises information relating to said transaction.

32.   (Original) The at least one program storage device of claim 27, wherein said debug information comprises an identifier of the controller of the debugging.

33.   (Original) The at least one program storage device of claim 27, wherein said controller comprises a client workstation coupled to said one processor and said another processor.

34.   (Original) The at least one program storage device of claim 27, wherein said service comprises executing an application on said another processor.

35.   (Currently Amended) At least one program storage device readable by a machine tangibly embodying at least one program of instructions executable by the machine to perform a method of facilitating debugging of transactions, said method comprising:

using a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

attaching at least a portion of the debug information to the transaction being executed on the processor;

requesting by the transaction, a service on another processor; and

passing with the transaction the attached debug information from the processor to the another processor eliminating a need for attaching the information at the another processor, wherein at least a portion of the attached debug information is used to automatically establish a new debug session at the another processor without intervention such that tracing of the transaction can continue on the another processor, and wherein the client workstation is different from the processor and the another processor.

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36.   (Original) The at least one program storage device of claim 35, wherein the tracing can continue without performing a debug registration process between the client workstation and the another processor.

37.   (Previously Presented) The at least one program storage device of claim 35, wherein the tracing can continue without having the client workstation provide the at least a portion of the debug information to the another processor.

38.   (Original) The at least one program storage device of claim 35, wherein the tracing may continue without predefining to the client workstation the path taken by the transaction.